FML Assignment 1

Divya Gunde

2023-01-28

############ Fetching Dataset #######  
data=read.csv("C:/Users/gunde/OneDrive/Desktop/athlete events.csv")  
############ Printing Data Table   
print(data)

## ID Name Sex Age Height Weight  
## 1 1 A Dijiang M 24 180 80.0  
## 2 2 A Lamusi M 23 170 60.0  
## 3 3 Gunnar Nielsen Aaby M 24 NA NA  
## 4 4 Edgar Lindenau Aabye M 34 NA NA  
## 5 5 Christine Jacoba Aaftink F 21 185 82.0  
## 6 5 Christine Jacoba Aaftink F 21 185 82.0  
## 7 5 Christine Jacoba Aaftink F 25 185 82.0  
## 8 5 Christine Jacoba Aaftink F 25 185 82.0  
## 9 5 Christine Jacoba Aaftink F 27 185 82.0  
## 10 5 Christine Jacoba Aaftink F 27 185 82.0  
## 11 6 Per Knut Aaland M 31 188 75.0  
## 12 6 Per Knut Aaland M 31 188 75.0  
## 13 6 Per Knut Aaland M 31 188 75.0  
## 14 6 Per Knut Aaland M 31 188 75.0  
## 15 6 Per Knut Aaland M 33 188 75.0  
## 16 6 Per Knut Aaland M 33 188 75.0  
## 17 6 Per Knut Aaland M 33 188 75.0  
## 18 6 Per Knut Aaland M 33 188 75.0  
## 19 7 John Aalberg M 31 183 72.0  
## 20 7 John Aalberg M 31 183 72.0  
## 21 7 John Aalberg M 31 183 72.0  
## 22 7 John Aalberg M 31 183 72.0  
## 23 7 John Aalberg M 33 183 72.0  
## 24 7 John Aalberg M 33 183 72.0  
## 25 7 John Aalberg M 33 183 72.0  
## 26 7 John Aalberg M 33 183 72.0  
## 27 8 Cornelia "Cor" Aalten (-Strannood) F 18 168 NA  
## 28 8 Cornelia "Cor" Aalten (-Strannood) F 18 168 NA  
## 29 9 Antti Sami Aalto M 26 186 96.0  
## 30 10 Einar Ferdinand "Einari" Aalto M 26 NA NA  
## 31 11 Jorma Ilmari Aalto M 22 182 76.5  
## 32 12 Jyri Tapani Aalto M 31 172 70.0  
## 33 13 Minna Maarit Aalto F 30 159 55.5  
## 34 13 Minna Maarit Aalto F 34 159 55.5  
## 35 14 Pirjo Hannele Aalto (Mattila-) F 32 171 65.0  
## 36 15 Arvo Ossian Aaltonen M 22 NA NA  
## 37 15 Arvo Ossian Aaltonen M 22 NA NA  
## 38 15 Arvo Ossian Aaltonen M 30 NA NA  
## 39 15 Arvo Ossian Aaltonen M 30 NA NA  
## 40 15 Arvo Ossian Aaltonen M 34 NA NA  
## 41 16 Juhamatti Tapio Aaltonen M 28 184 85.0  
## 42 17 Paavo Johannes Aaltonen M 28 175 64.0  
## 43 17 Paavo Johannes Aaltonen M 28 175 64.0  
## 44 17 Paavo Johannes Aaltonen M 28 175 64.0  
## 45 17 Paavo Johannes Aaltonen M 28 175 64.0  
## 46 17 Paavo Johannes Aaltonen M 28 175 64.0  
## 47 17 Paavo Johannes Aaltonen M 28 175 64.0  
## 48 17 Paavo Johannes Aaltonen M 28 175 64.0  
## 49 17 Paavo Johannes Aaltonen M 28 175 64.0  
## 50 17 Paavo Johannes Aaltonen M 32 175 64.0  
## 51 17 Paavo Johannes Aaltonen M 32 175 64.0  
## 52 17 Paavo Johannes Aaltonen M 32 175 64.0  
## 53 17 Paavo Johannes Aaltonen M 32 175 64.0  
## 54 17 Paavo Johannes Aaltonen M 32 175 64.0  
## 55 17 Paavo Johannes Aaltonen M 32 175 64.0  
## 56 17 Paavo Johannes Aaltonen M 32 175 64.0  
## 57 17 Paavo Johannes Aaltonen M 32 175 64.0  
## 58 18 Timo Antero Aaltonen M 31 189 130.0  
## 59 19 Win Valdemar Aaltonen M 54 NA NA  
## 60 20 Kjetil Andr Aamodt M 20 176 85.0  
## 61 20 Kjetil Andr Aamodt M 20 176 85.0  
## 62 20 Kjetil Andr Aamodt M 20 176 85.0  
## 63 20 Kjetil Andr Aamodt M 20 176 85.0  
## 64 20 Kjetil Andr Aamodt M 22 176 85.0  
## 65 20 Kjetil Andr Aamodt M 22 176 85.0  
## 66 20 Kjetil Andr Aamodt M 22 176 85.0  
## 67 20 Kjetil Andr Aamodt M 22 176 85.0  
## 68 20 Kjetil Andr Aamodt M 22 176 85.0  
## 69 20 Kjetil Andr Aamodt M 26 176 85.0  
## 70 20 Kjetil Andr Aamodt M 26 176 85.0  
## 71 20 Kjetil Andr Aamodt M 26 176 85.0  
## 72 20 Kjetil Andr Aamodt M 26 176 85.0  
## 73 20 Kjetil Andr Aamodt M 30 176 85.0  
## 74 20 Kjetil Andr Aamodt M 30 176 85.0  
## 75 20 Kjetil Andr Aamodt M 30 176 85.0  
## 76 20 Kjetil Andr Aamodt M 30 176 85.0  
## 77 20 Kjetil Andr Aamodt M 30 176 85.0  
## 78 20 Kjetil Andr Aamodt M 34 176 85.0  
## 79 20 Kjetil Andr Aamodt M 34 176 85.0  
## 80 21 Ragnhild Margrethe Aamodt F 27 163 NA  
## 81 22 Andreea Aanei F 22 170 125.0  
## 82 23 Fritz Aanes M 22 187 89.0  
## 83 23 Fritz Aanes M 26 187 89.0  
## 84 24 Nils Egil Aaness M 24 NA NA  
## 85 24 Nils Egil Aaness M 24 NA NA  
## 86 24 Nils Egil Aaness M 27 NA NA  
## 87 25 Alf Lied Aanning M 24 NA NA  
## 88 26 Agnes Erika Aanonsen (-Eyde) F 17 169 65.0  
## 89 27 Johan Aantjes M 26 NA NA  
## 90 28 Jan-Erik Aarberg M 43 170 77.0  
## 91 28 Jan-Erik Aarberg M 47 170 77.0  
## 92 29 Willemien Aardenburg F 22 NA NA  
## 93 30 Pepijn Aardewijn M 26 189 72.0  
## 94 30 Pepijn Aardewijn M 30 189 72.0  
## 95 31 Evald rma (rman-) M 24 174 70.0  
## 96 32 Olav Augunson Aarnes M 23 NA NA  
## 97 33 Mika Lauri Aarnikka M 24 187 76.0  
## 98 33 Mika Lauri Aarnikka M 28 187 76.0  
## 99 34 Jamale (Djamel-) Aarrass (Ahrass-) M 30 187 76.0  
## 100 35 Dagfinn Sverre Aarskog M 24 190 98.0  
## 101 36 Stefan Remco Aartsen M 21 194 78.0  
## 102 36 Stefan Remco Aartsen M 21 194 78.0  
## 103 36 Stefan Remco Aartsen M 21 194 78.0  
## 104 36 Stefan Remco Aartsen M 25 194 78.0  
## 105 36 Stefan Remco Aartsen M 25 194 78.0  
## 106 37 Ann Kristin Aarnes F 23 182 64.0  
## 107 38 Karl Jan Aas M 20 NA NA  
## 108 39 Lars Thorlaksn Aas M 33 NA NA  
## 109 39 Lars Thorlaksn Aas M 33 NA NA  
## 110 39 Lars Thorlaksn Aas M 33 NA NA  
## 111 40 Roald Edgar Aas M 23 NA NA  
## 112 40 Roald Edgar Aas M 27 NA NA  
## 113 40 Roald Edgar Aas M 27 NA NA  
## 114 40 Roald Edgar Aas M 31 NA NA  
## 115 40 Roald Edgar Aas M 31 NA NA  
## 116 40 Roald Edgar Aas M 31 NA NA  
## 117 41 Rolf Aas M 28 NA NA  
## 118 42 Thomas Valentin Aas M 25 NA NA  
## 119 43 Morten Gjerdrum Aasen M 34 185 75.0  
## 120 44 Meelis Aasme M 25 182 73.0  
## 121 44 Meelis Aasme M 25 182 73.0  
## 122 44 Meelis Aasme M 29 182 73.0  
## 123 44 Meelis Aasme M 29 182 73.0  
## 124 44 Meelis Aasme M 29 182 73.0  
## 125 45 Hakon Aasns M 41 NA NA  
## 126 46 Hans Aasns M 33 194 93.0  
## 127 46 Hans Aasns M 45 194 93.0  
## 128 46 Hans Aasns M 49 194 93.0  
## 129 46 Hans Aasns M 53 194 93.0  
## 130 46 Hans Aasns M 57 194 93.0  
## 131 47 Erling Rudolf Aastad M 22 177 74.0  
## 132 47 Erling Rudolf Aastad M 22 177 74.0  
## 133 47 Erling Rudolf Aastad M 26 177 74.0  
## 134 47 Erling Rudolf Aastad M 30 177 74.0  
## 135 48 Abdelhak Aatakni M 24 NA 64.0  
## 136 49 Moonika Aava F 24 168 65.0  
## 137 49 Moonika Aava F 28 168 65.0  
## 138 50 Arvi Aavik M 22 185 106.0  
## 139 50 Arvi Aavik M 26 185 106.0  
## 140 51 Nstor Abad Sanjun M 23 167 64.0  
## 141 51 Nstor Abad Sanjun M 23 167 64.0  
## 142 51 Nstor Abad Sanjun M 23 167 64.0  
## 143 51 Nstor Abad Sanjun M 23 167 64.0  
## 144 51 Nstor Abad Sanjun M 23 167 64.0  
## 145 51 Nstor Abad Sanjun M 23 167 64.0  
## 146 52 Patrick Abada M 22 189 80.0  
## 147 53 Talaat Abada M 24 172 58.0  
## 148 55 Antonio Abadia Beci M 26 170 65.0  
## 149 56 Ren Abadie M 21 NA NA  
## 150 56 Ren Abadie M 21 NA NA  
## 151 57 Borislav Abadzhiev M 24 176 66.0  
## 152 59 Ivan Nikolov Abadzhiev M 24 164 71.0  
## 153 59 Ivan Nikolov Abadzhiev M 28 164 71.0  
## 154 60 Mikhail Abadzhiev M 24 172 75.0  
## 155 61 Stefan Abadzhiev M 26 175 72.0  
## 156 62 Giovanni Abagnale M 21 198 90.0  
## 157 63 Jos Luis Abajo Gmez M 30 194 87.0  
## 158 64 M'Bairo Abakar M 31 NA NA  
## 159 65 Patimat Abakarova F 21 165 49.0  
## 160 67 Mariya Vasilyevna Abakumova (-Tarabina) F 22 179 80.0  
## 161 67 Mariya Vasilyevna Abakumova (-Tarabina) F 26 179 80.0  
## 162 68 Pablo Martn Abal M 23 178 76.0  
## 163 68 Pablo Martn Abal M 23 178 76.0  
## 164 69 Tamara Abalde Daz F 19 185 72.0  
## 165 70 Jess Iory Aball Martnez M 26 167 65.0  
## 166 71 Juan Antonio Aball Delgado M 27 172 82.0  
## 167 71 Juan Antonio Aball Delgado M 27 172 82.0  
## 168 72 Aleksey Aleksandrovich Abalmasov M 24 180 83.0  
## 169 72 Aleksey Aleksandrovich Abalmasov M 28 180 83.0  
## 170 73 Luc Abalo M 23 182 86.0  
## 171 73 Luc Abalo M 27 182 86.0  
## 172 73 Luc Abalo M 31 182 86.0  
## 173 74 Mara Laura Abalo F 30 182 73.0  
## 174 75 Giorgos Abalof M 22 178 70.0  
## 175 76 Jouan Patrice Abanda Etong M 22 185 82.0  
## 176 77 Antoine Abang M 27 166 75.0  
## 177 78 Salim Abanoz M 26 NA NA  
## 178 79 Carlos Abarca Gonzlez M 23 NA NA  
## 179 80 Jos Mara Abarca Plotas M 22 186 83.0  
## 180 81 Georgios Abaris M 22 190 77.0  
## 181 82 Enrique Abaroa Martnez M 26 183 75.0  
## 182 83 Carlos Arturo Abarza Chavez M 22 NA NA  
## 183 84 Stephen Anthony Abas M 26 165 55.0  
## 184 85 Alejandro Abascal Garca M 24 181 82.0  
## 185 85 Alejandro Abascal Garca M 28 181 82.0  
## 186 85 Alejandro Abascal Garca M 32 181 82.0  
## 187 86 Jos Manuel Abascal Gmez M 22 182 67.0  
## 188 86 Jos Manuel Abascal Gmez M 26 182 67.0  
## 189 87 Rost'om Omeris dze Abashidze M 29 188 97.0  
## 190 88 Nunu Dzhansuhivna Abashydze (-Myslaieva) F 25 168 105.0  
## 191 89 Rodrigo Abasolo M 21 NA NA  
## 192 90 Tamila Rashidovna Abasova F 21 163 60.0  
## 193 90 Tamila Rashidovna Abasova F 21 163 60.0  
## 194 91 Emanuele Abate M 27 190 80.0  
## 195 92 Ignazio Abate M 21 180 73.0  
## 196 93 Jol Marc Abati M 34 190 85.0  
## 197 93 Jol Marc Abati M 38 190 85.0  
## 198 94 Ral Abatte M 38 NA NA  
## 199 95 Georgia Abatzidou F 35 155 43.0  
## 200 96 Carlos Rodolfo Abaunza Balladares M 18 168 60.0  
## 201 97 Carlos Alberto Abaunza M 16 180 70.0  
## 202 98 Hctor Abaunza M 30 169 75.0  
## 203 98 Hctor Abaunza M 30 169 75.0  
## 204 98 Hctor Abaunza M 30 169 75.0  
## 205 99 Pter Abay M 30 181 79.0  
## 206 100 Oszkr Abay-Nemes M 22 NA NA  
## 207 100 Oszkr Abay-Nemes M 22 NA NA  
## 208 101 Adeyemi Abayomi M 25 170 51.0  
## 209 103 Silvano Abba M 25 NA NA  
## 210 104 Gana Abba Kimet M 26 NA NA  
## 211 105 Ilyas Abbadi M 19 175 75.0  
## 212 105 Ilyas Abbadi M 23 175 75.0  
## 213 106 Agostino Abbagnale M 22 188 96.0  
## 214 106 Agostino Abbagnale M 29 188 96.0  
## 215 106 Agostino Abbagnale M 34 188 96.0  
## 216 107 Carmine Abbagnale M 22 182 90.0  
## 217 107 Carmine Abbagnale M 26 182 90.0  
## 218 107 Carmine Abbagnale M 30 182 90.0  
## 219 107 Carmine Abbagnale M 34 182 90.0  
## 220 108 Giuseppe Abbagnale M 20 187 97.0  
## 221 108 Giuseppe Abbagnale M 25 187 97.0  
## 222 108 Giuseppe Abbagnale M 29 187 97.0  
## 223 108 Giuseppe Abbagnale M 33 187 97.0  
## 224 109 Abdul Latif Al-Sayed Abbas Youssef Hashem M 23 176 64.0  
## 225 109 Abdul Latif Al-Sayed Abbas Youssef Hashem M 23 176 64.0  
## 226 109 Abdul Latif Al-Sayed Abbas Youssef Hashem M 27 176 64.0  
## 227 110 Abubakar Abbas Abbas M 20 175 66.0  
## 228 111 Aqarab Abbas M 22 190 88.0  
## 229 112 Aziz Abbas M 21 169 67.0  
## 230 113 Bassim Abbas Kati Al-Ogaili M 22 175 80.0  
## 231 114 Essa Abbas Faleh Hashem M 20 160 65.0  
## 232 115 Ghulam Abbas M 24 181 74.0  
## 233 116 Hosni Mohamed Abbas M 28 NA 60.0  
## 234 116 Hosni Mohamed Abbas M 32 NA 60.0  
## 235 117 Maher Abbas M 22 178 78.0  
## 236 117 Maher Abbas M 22 178 78.0  
## 237 118 Mahmoud Abbas M 22 165 65.0  
## 238 119 Mohamed Fakhry Rifaat Abbas M 19 NA NA  
## 239 120 Mohammed Abbas Sabih M 26 170 70.0  
## 240 121 Muhammad Abbas M 23 168 55.0  
## 241 122 Nader Sufyan Abbas M 28 173 77.0  
## 242 123 Sohail Abbas M 25 178 80.0  
## 243 123 Sohail Abbas M 29 178 80.0  
## 244 123 Sohail Abbas M 37 178 80.0  
## 245 124 Youssef Mohamed Abbas M 31 NA NA  
## 246 125 Zulkifli Abbas M 28 170 62.0  
## 247 126 Forough Abbasi F 20 164 58.0  
## 248 127 Shakeel Abbasi M 20 165 60.0  
## 249 127 Shakeel Abbasi M 24 165 60.0  
## 250 127 Shakeel Abbasi M 28 165 60.0  
## 251 128 Soulmaz Abbasi Azad F 28 173 60.0  
## 252 129 Ruslan Abbasov M 22 181 74.0  
## 253 130 Tural Abbasov M 18 182 76.0  
## 254 131 Tran Abbasova F 33 159 53.0  
## 255 132 Simona Abbate F 28 171 64.0  
## 256 134 Christian Abbiati M 23 192 90.0  
## 257 135 Lois Abbingh F 23 178 72.0  
## 258 136 Alessandro Abbio M 29 195 85.0  
## 259 137 Giordano Giulio Abbondati M 15 175 64.0  
## 260 137 Giordano Giulio Abbondati M 19 175 64.0  
## 261 138 Salwan Jasim Abbood Abbood M 24 180 104.0  
## 262 140 William "Bill" Abbott Jr. M 42 172 80.0  
## Team NOC Games Year  
## 1 China CHN 1992 Summer 1992  
## 2 China CHN 2012 Summer 2012  
## 3 Denmark DEN 1920 Summer 1920  
## 4 Denmark/Sweden DEN 1900 Summer 1900  
## 5 Netherlands NED 1988 Winter 1988  
## 6 Netherlands NED 1988 Winter 1988  
## 7 Netherlands NED 1992 Winter 1992  
## 8 Netherlands NED 1992 Winter 1992  
## 9 Netherlands NED 1994 Winter 1994  
## 10 Netherlands NED 1994 Winter 1994  
## 11 United States USA 1992 Winter 1992  
## 12 United States USA 1992 Winter 1992  
## 13 United States USA 1992 Winter 1992  
## 14 United States USA 1992 Winter 1992  
## 15 United States USA 1994 Winter 1994  
## 16 United States USA 1994 Winter 1994  
## 17 United States USA 1994 Winter 1994  
## 18 United States USA 1994 Winter 1994  
## 19 United States USA 1992 Winter 1992  
## 20 United States USA 1992 Winter 1992  
## 21 United States USA 1992 Winter 1992  
## 22 United States USA 1992 Winter 1992  
## 23 United States USA 1994 Winter 1994  
## 24 United States USA 1994 Winter 1994  
## 25 United States USA 1994 Winter 1994  
## 26 United States USA 1994 Winter 1994  
## 27 Netherlands NED 1932 Summer 1932  
## 28 Netherlands NED 1932 Summer 1932  
## 29 Finland FIN 2002 Winter 2002  
## 30 Finland FIN 1952 Summer 1952  
## 31 Finland FIN 1980 Winter 1980  
## 32 Finland FIN 2000 Summer 2000  
## 33 Finland FIN 1996 Summer 1996  
## 34 Finland FIN 2000 Summer 2000  
## 35 Finland FIN 1994 Winter 1994  
## 36 Finland FIN 1912 Summer 1912  
## 37 Finland FIN 1912 Summer 1912  
## 38 Finland FIN 1920 Summer 1920  
## 39 Finland FIN 1920 Summer 1920  
## 40 Finland FIN 1924 Summer 1924  
## 41 Finland FIN 2014 Winter 2014  
## 42 Finland FIN 1948 Summer 1948  
## 43 Finland FIN 1948 Summer 1948  
## 44 Finland FIN 1948 Summer 1948  
## 45 Finland FIN 1948 Summer 1948  
## 46 Finland FIN 1948 Summer 1948  
## 47 Finland FIN 1948 Summer 1948  
## 48 Finland FIN 1948 Summer 1948  
## 49 Finland FIN 1948 Summer 1948  
## 50 Finland FIN 1952 Summer 1952  
## 51 Finland FIN 1952 Summer 1952  
## 52 Finland FIN 1952 Summer 1952  
## 53 Finland FIN 1952 Summer 1952  
## 54 Finland FIN 1952 Summer 1952  
## 55 Finland FIN 1952 Summer 1952  
## 56 Finland FIN 1952 Summer 1952  
## 57 Finland FIN 1952 Summer 1952  
## 58 Finland FIN 2000 Summer 2000  
## 59 Finland FIN 1948 Summer 1948  
## 60 Norway NOR 1992 Winter 1992  
## 61 Norway NOR 1992 Winter 1992  
## 62 Norway NOR 1992 Winter 1992  
## 63 Norway NOR 1992 Winter 1992  
## 64 Norway NOR 1994 Winter 1994  
## 65 Norway NOR 1994 Winter 1994  
## 66 Norway NOR 1994 Winter 1994  
## 67 Norway NOR 1994 Winter 1994  
## 68 Norway NOR 1994 Winter 1994  
## 69 Norway NOR 1998 Winter 1998  
## 70 Norway NOR 1998 Winter 1998  
## 71 Norway NOR 1998 Winter 1998  
## 72 Norway NOR 1998 Winter 1998  
## 73 Norway NOR 2002 Winter 2002  
## 74 Norway NOR 2002 Winter 2002  
## 75 Norway NOR 2002 Winter 2002  
## 76 Norway NOR 2002 Winter 2002  
## 77 Norway NOR 2002 Winter 2002  
## 78 Norway NOR 2006 Winter 2006  
## 79 Norway NOR 2006 Winter 2006  
## 80 Norway NOR 2008 Summer 2008  
## 81 Romania ROU 2016 Summer 2016  
## 82 Norway NOR 2000 Summer 2000  
## 83 Norway NOR 2004 Summer 2004  
## 84 Norway NOR 1960 Winter 1960  
## 85 Norway NOR 1960 Winter 1960  
## 86 Norway NOR 1964 Winter 1964  
## 87 Norway NOR 1920 Summer 1920  
## 88 Norway NOR 1984 Winter 1984  
## 89 Netherlands NED 1984 Summer 1984  
## 90 Norway NOR 1968 Summer 1968  
## 91 Norway NOR 1972 Summer 1972  
## 92 Netherlands NED 1988 Summer 1988  
## 93 Netherlands NED 1996 Summer 1996  
## 94 Netherlands NED 2000 Summer 2000  
## 95 Estonia EST 1936 Summer 1936  
## 96 Norway NOR 1912 Summer 1912  
## 97 Finland FIN 1992 Summer 1992  
## 98 Finland FIN 1996 Summer 1996  
## 99 France FRA 2012 Summer 2012  
## 100 Norway NOR 1998 Winter 1998  
## 101 Netherlands NED 1996 Summer 1996  
## 102 Netherlands NED 1996 Summer 1996  
## 103 Netherlands NED 1996 Summer 1996  
## 104 Netherlands NED 2000 Summer 2000  
## 105 Netherlands NED 2000 Summer 2000  
## 106 Norway NOR 1996 Summer 1996  
## 107 Norway NOR 1920 Summer 1920  
## 108 Norway NOR 1912 Summer 1912  
## 109 Norway NOR 1912 Summer 1912  
## 110 Norway NOR 1912 Summer 1912  
## 111 Norway NOR 1952 Winter 1952  
## 112 Norway NOR 1956 Winter 1956  
## 113 Norway NOR 1956 Winter 1956  
## 114 Norway NOR 1960 Winter 1960  
## 115 Norway NOR 1960 Winter 1960  
## 116 Norway NOR 1960 Winter 1960  
## 117 Norway NOR 1920 Summer 1920  
## 118 Taifun NOR 1912 Summer 1912  
## 119 Norway NOR 1992 Summer 1992  
## 120 Estonia EST 1998 Winter 1998  
## 121 Estonia EST 1998 Winter 1998  
## 122 Estonia EST 2002 Winter 2002  
## 123 Estonia EST 2002 Winter 2002  
## 124 Estonia EST 2002 Winter 2002  
## 125 Norway NOR 1936 Summer 1936  
## 126 Norway NOR 1936 Summer 1936  
## 127 Norway NOR 1948 Summer 1948  
## 128 Norway NOR 1952 Summer 1952  
## 129 Norway NOR 1956 Summer 1956  
## 130 Norway NOR 1960 Summer 1960  
## 131 Norway NOR 1920 Summer 1920  
## 132 Norway NOR 1920 Summer 1920  
## 133 Norway NOR 1924 Summer 1924  
## 134 Norway NOR 1928 Summer 1928  
## 135 Morocco MAR 2012 Summer 2012  
## 136 Estonia EST 2004 Summer 2004  
## 137 Estonia EST 2008 Summer 2008  
## 138 Estonia EST 1992 Summer 1992  
## 139 Estonia EST 1996 Summer 1996  
## 140 Spain ESP 2016 Summer 2016  
## 141 Spain ESP 2016 Summer 2016  
## 142 Spain ESP 2016 Summer 2016  
## 143 Spain ESP 2016 Summer 2016  
## 144 Spain ESP 2016 Summer 2016  
## 145 Spain ESP 2016 Summer 2016  
## 146 France FRA 1976 Summer 1976  
## 147 Egypt EGY 2000 Summer 2000  
## 148 Spain ESP 2016 Summer 2016  
## 149 France FRA 1956 Summer 1956  
## 150 France FRA 1956 Summer 1956  
## 151 Bulgaria BUL 1988 Summer 1988  
## 152 Bulgaria BUL 1956 Summer 1956  
## 153 Bulgaria BUL 1960 Summer 1960  
## 154 Bulgaria BUL 1960 Summer 1960  
## 155 Bulgaria BUL 1960 Summer 1960  
## 156 Italy ITA 2016 Summer 2016  
## 157 Spain ESP 2008 Summer 2008  
## 158 Chad CHA 1992 Summer 1992  
## 159 Azerbaijan AZE 2016 Summer 2016  
## 160 Russia RUS 2008 Summer 2008  
## 161 Russia RUS 2012 Summer 2012  
## 162 Argentina ARG 2000 Summer 2000  
## 163 Argentina ARG 2000 Summer 2000  
## 164 Spain ESP 2008 Summer 2008  
## 165 Cuba CUB 2000 Summer 2000  
## 166 Cuba CUB 1992 Summer 1992  
## 167 Cuba CUB 1992 Summer 1992  
## 168 Belarus BLR 2004 Summer 2004  
## 169 Belarus BLR 2008 Summer 2008  
## 170 France FRA 2008 Summer 2008  
## 171 France FRA 2012 Summer 2012  
## 172 France FRA 2016 Summer 2016  
## 173 Argentina ARG 2012 Summer 2012  
## 174 Greece GRE 2004 Summer 2004  
## 175 Cameroon CMR 2000 Summer 2000  
## 176 Cameroon CMR 1968 Summer 1968  
## 177 Turkey TUR 1996 Summer 1996  
## 178 Chile CHI 1924 Summer 1924  
## 179 Spain ESP 1996 Summer 1996  
## 180 Greece GRE 2004 Summer 2004  
## 181 Mexico MEX 2000 Summer 2000  
## 182 Chile CHI 1992 Summer 1992  
## 183 United States USA 2004 Summer 2004  
## 184 Spain ESP 1976 Summer 1976  
## 185 Spain ESP 1980 Summer 1980  
## 186 Spain ESP 1984 Summer 1984  
## 187 Spain ESP 1980 Summer 1980  
## 188 Spain ESP 1984 Summer 1984  
## 189 Soviet Union URS 1964 Summer 1964  
## 190 Soviet Union URS 1980 Summer 1980  
## 191 Chile CHI 1984 Summer 1984  
## 192 Russia RUS 2004 Summer 2004  
## 193 Russia RUS 2004 Summer 2004  
## 194 Italy ITA 2012 Summer 2012  
## 195 Italy ITA 2008 Summer 2008  
## 196 France FRA 2004 Summer 2004  
## 197 France FRA 2008 Summer 2008  
## 198 Chile CHI 1984 Summer 1984  
## 199 Greece GRE 2004 Summer 2004  
## 200 Nicaragua NCA 2004 Summer 2004  
## 201 Nicaragua NCA 1976 Summer 1976  
## 202 Mexico MEX 1968 Summer 1968  
## 203 Mexico MEX 1968 Summer 1968  
## 204 Mexico MEX 1968 Summer 1968  
## 205 Hungary HUN 1992 Summer 1992  
## 206 Hungary HUN 1936 Summer 1936  
## 207 Hungary HUN 1936 Summer 1936  
## 208 Nigeria NGR 1972 Summer 1972  
## 209 Italy ITA 1936 Summer 1936  
## 210 Chad CHA 1972 Summer 1972  
## 211 Algeria ALG 2012 Summer 2012  
## 212 Algeria ALG 2016 Summer 2016  
## 213 Italy ITA 1988 Summer 1988  
## 214 Italy ITA 1996 Summer 1996  
## 215 Italy ITA 2000 Summer 2000  
## 216 Italy ITA 1984 Summer 1984  
## 217 Italy ITA 1988 Summer 1988  
## 218 Italy ITA 1992 Summer 1992  
## 219 Italy ITA 1996 Summer 1996  
## 220 Italy ITA 1980 Summer 1980  
## 221 Italy ITA 1984 Summer 1984  
## 222 Italy ITA 1988 Summer 1988  
## 223 Italy ITA 1992 Summer 1992  
## 224 Kuwait KUW 1976 Summer 1976  
## 225 Kuwait KUW 1976 Summer 1976  
## 226 Kuwait KUW 1980 Summer 1980  
## 227 Bahrain BRN 2016 Summer 2016  
## 228 Pakistan PAK 1996 Summer 1996  
## 229 Iraq IRQ 1964 Summer 1964  
## 230 Iraq IRQ 2004 Summer 2004  
## 231 Kuwait KUW 1980 Summer 1980  
## 232 Pakistan PAK 1992 Summer 1992  
## 233 United Arab Republic UAR 1960 Summer 1960  
## 234 Egypt EGY 1964 Summer 1964  
## 235 Lebanon LIB 1988 Summer 1988  
## 236 Lebanon LIB 1988 Summer 1988  
## 237 Egypt EGY 2000 Summer 2000  
## 238 Egypt EGY 1952 Summer 1952  
## 239 Iraq IRQ 2004 Summer 2004  
## 240 Pakistan PAK 2010 Winter 2010  
## 241 Qatar QAT 2004 Summer 2004  
## 242 Pakistan PAK 2000 Summer 2000  
## 243 Pakistan PAK 2004 Summer 2004  
## 244 Pakistan PAK 2012 Summer 2012  
## 245 Egypt EGY 1952 Summer 1952  
## 246 Malaysia MAS 1984 Summer 1984  
## 247 Iran IRI 2014 Winter 2014  
## 248 Pakistan PAK 2004 Summer 2004  
## 249 Pakistan PAK 2008 Summer 2008  
## 250 Pakistan PAK 2012 Summer 2012  
## 251 Iran IRI 2012 Summer 2012  
## 252 Azerbaijan AZE 2008 Summer 2008  
## 253 Azerbaijan AZE 2008 Summer 2008  
## 254 Azerbaijan AZE 2000 Summer 2000  
## 255 Italy ITA 2012 Summer 2012  
## 256 Italy ITA 2000 Summer 2000  
## 257 Netherlands NED 2016 Summer 2016  
## 258 Italy ITA 2000 Summer 2000  
## 259 Italy ITA 1964 Winter 1964  
## 260 Italy ITA 1968 Winter 1968  
## 261 Iraq IRQ 2016 Summer 2016  
## 262 Canada CAN 1996 Summer 1996

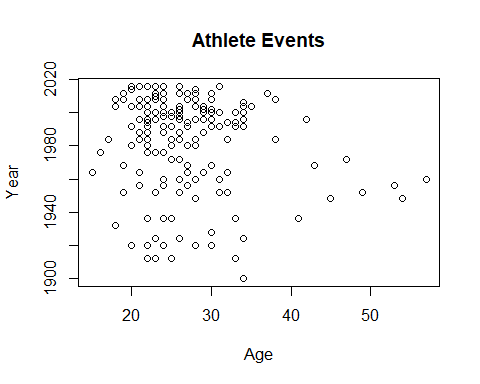
####### Mean Variables###########  
mean(data$Age)

## [1] 26.95038

mean(data$Year)

## [1] 1982.008

########## Plot Graph ############  
plot(x = data$Age,y = data$Year,  
 xlab = "Age",  
 ylab = "Year",  
 main = "Athlete Events"  
)



########## Historical Graph ##############  
str(data)

## 'data.frame': 262 obs. of 10 variables:  
## $ ID : int 1 2 3 4 5 5 5 5 5 5 ...  
## $ Name : chr "A Dijiang" "A Lamusi" "Gunnar Nielsen Aaby" "Edgar Lindenau Aabye" ...  
## $ Sex : chr "M" "M" "M" "M" ...  
## $ Age : int 24 23 24 34 21 21 25 25 27 27 ...  
## $ Height: int 180 170 NA NA 185 185 185 185 185 185 ...  
## $ Weight: num 80 60 NA NA 82 82 82 82 82 82 ...  
## $ Team : chr "China" "China" "Denmark" "Denmark/Sweden" ...  
## $ NOC : chr "CHN" "CHN" "DEN" "DEN" ...  
## $ Games : chr "1992 Summer" "2012 Summer" "1920 Summer" "1900 Summer" ...  
## $ Year : int 1992 2012 1920 1900 1988 1988 1992 1992 1994 1994 ...

data$Age -> Age  
hist(Age,ylim=c(0,80))

